



COMMONWEALTH OF MASSACHUSETTS  
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Metropolitan Boston – Northeast Regional Office

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Lieutenant Governor



SEMS DocID

594235

BOB DURAND  
Secretary

LAUREN A. LISS  
Commissioner

131 Essex Street  
Middleton, MA 01949

JAN 07 2000

Attn: Kenneth J. Roberts

RE: MIDDLETON  
Essex Street Area  
Private Well Investigation

Dear Mr. Roberts,

The Department of Environmental Protection (DEP) recently collected a water sample from your private well and had it analyzed for volatile organic compounds at DEP's Northeast Regional Office Site Discovery Laboratory. The results of that analysis indicate that volatile organic compounds were not detected in your private well. A copy of the laboratory data sheet is enclosed for your review.

DEP recommends that you have your private well tested periodically to ensure the quality of your drinking water.

If you have any questions regarding this matter, please contact David LaPusata at the letterhead address or by telephoning (978) 661-7717.

Sincerely,

David T. LaPusata  
Environmental Analyst  
Bureau of Waste Site Cleanup

Stephen M. Johnson  
Chief, Site Management Section  
Bureau of Waste Site Cleanup

cc: Mr. Leo Cormier, Health Agent, Board of Health, Town of Middleton, 195 N. Main Street,  
Middleton, MA 01949  
Ms. Nancy Jones, Chairman, Board of Selectman, Town of Middleton, 48 S. Main Street,  
Middleton, MA 01949  
Ms. Cheryl Auterio, P.O. Box 202, North Reading, MA 01864  
Mr. Gilberto Irizarry, OSC, United States Environmental Protection Agency, Site Evaluation &  
Response Section I (HBR), JFK Federal Building, Boston, MA 02203-2211  
DEP, BWSC, FMCRA, 1 Winter Street, Boston, MA 02108  
Data Entry/File



MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Northeast Regional Office/Bureau of Waste Site Cleanup  
**ANALYTICAL SCREENING DATA  
GROUNDWATER SAMPLES**

RELEASE TRACKING NUMBER

TOWN: MIDDLETON	

Address: ESSEX STREET	Staff Lead: Mr. Dave LaPusata
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SAMPLE INFORMATION		Size/type container(s): 40 mL Vial	Collector: D. LaPusata, L. Immerman	
Field ID	Lab ID	Sample Location	Date Sampled	Date Analyzed
934352	P1233 / E1233	Tragert Residence, 161 Essex St.-Barn	11/22/99	12/2/99
934101	P1234 / E1234	Carroll Residence, 169 Essex Street	11/22/99	12/2/99
934142	P1235 / E1235	Roberts Residence, 131 Essex Street	11/22/99	12/2/99
934398	P1236 / E1236	Tragert Residence, 161 Essex St. - gac	11/22/99	12/2/99

SAMPLE RESULTS - ESTIMATED UG/L			SAMPLE IDENTIFIER			
Compound	Detector	RL	Tragert - Barn	Carroll - Tap	Roberts - Tap	Tragert - gac
methyl(t)butylether	PID	22	ND	ND	ND	ND
benzene	PID	1.5	ND	ND	ND	ND
toluene	PID	1.5	ND	ND	ND	ND
ethylbenzene	PID	0.51	ND	ND	ND	ND
total xylenes	PID	0.89	ND	ND	ND	ND
(1,2,4)-trimethylbenzene	PID	3.4	ND	ND	ND	ND
naphthalene	PID	46	ND	ND	ND	ND
unk. non-halo VOC	PID	0.89	ND	ND	ND	ND
methylene chloride	ELCD	6.3	ND	ND	ND	ND
(1,1)-dichloroethane	ELCD	1.1	ND	ND	ND	ND
(1,2)-dichloroethene	ELCD	1.3	ND	ND	ND	ND
(1,1,1)-trichloroethane	ELCD	0.87	ND	ND	ND	ND
(1,2)-dichloroethane	ELCD	0.99	ND	ND	ND	ND
trichloroethene	ELCD	1.3	ND	ND	ND	ND
tetrachloroethene	ELCD	0.90	ND	ND	ND	ND
chlorobenzene	ELCD	2.7	ND	ND	ND	ND
unk halo VOC	ELCD	1.3	ND	ND	ND	ND

**COMMENTS** ND means compound not detected.  
(J) means that a compound was identified below it's reportable level (RL), but above it's instrument detection limit (IDL). This may also be referred to as a trace level.  
(k) means that a target compound may have been identified, but at a level below it's IDL.  
NOTE: Reviewer discretion is advised with this type of data.

Sampling Method: NERO Lab/GW/99-4	Instrumentation: SRI GC/PID/Dry-ELCD	Analytical Method: NERO Screen/99
Daily Quality Control Standards: Air Blank QC Calibration Check Standard		
Analyst: <i>Larry Immerman</i>	12/30/99	Chromatograms Attached?: Yes



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TOWN: MIDDLETON	

Address: ESSEX STREET	Staff Lead: Mr. Dave LaPusata
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SAMPLE INFORMATION		Size/type container(s): 40 mL Vial	Collector: D. LaPusata, L. Immerman	
Field ID	Lab ID	Sample Location	Date Sampled	Date Analyzed
934399	P1242 / E1242	Toropov Residence, 167 Essex Street	11/22/99	12/3/99
2993	P1243 / E1243	Flak Residence, 171 Essex Street	11/23/99	12/3/99
934182	P1244 / E1244	Roberts Residence, 131 Essex Street	11/22/99	12/3/99

SAMPLE RESULTS, ESTIMATED UG/L			SAMPLE IDENTIFIER			
Compound	Detector	RL	Toropov - Tap	Flak - Tap	Roberts - k.Tap	
methyl(t)butylether	PID	22	ND	10 (J)	ND	
benzene	PID	1.5	ND	ND	ND	
toluene	PID	1.5	ND	ND	ND	
ethylbenzene	PID	0.51	ND	ND	ND	
total xylenes	PID	0.89	ND	ND	ND	
(1,2,4)-trimethylbenzene	PID	3.4	ND	ND	ND	
naphthalene	PID	46	ND	ND	ND	
unk. non-halo VOC	PID	0.89	ND	ND	ND	
methylene chloride	ELCD	6.3	ND	ND	ND	
(1,1)-dichloroethane	ECLD	1.1	ND	ND	ND	
(1,2)-dichloroethene	ELCD	1.3	ND	ND	ND	
(1,1,1)-trichloroethane	ELCD	0.87	ND	ND	ND	
(1,2)-dichloroethane	ELCD	0.99	ND	ND	ND	
trichloroethene	ELCD	1.3	ND	ND	ND	
tetrachloroethene	ELCD	0.90	ND	ND	ND	
chlorobenzene	ELCD	2.7	ND	ND	ND	
unk halo VOC	ELCD	1.3	ND	ND	ND	

<b>COMMENTS</b>	ND means compound not detected. (J) means that a compound was identified below it's reportable level (RL), but above it's instrument detection limit (IDL). This may also be referred to as a trace level. (k) means that a target compound may have been identified, but at a level below it's IDL. NOTE: Reviewer discretion is advised with this type of data.
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Sampling Method: NERO Lab/GW/99-4	Instrumentation: SRI GC/PID/Dry-ELCD	Analytical Method: NERO Screen/99
Daily Quality Control Standards: Air Blank QC Calibration Check Standard		
Analyst: <i>Randy Immerman</i>	12/30/99	Chromatograms Attached?: Yes